IOWA STATE JOURNAL OF RESEARCH / MAY, 1984 477-479
Vol. 58, No. 4

IOWA STATE JOURNAL OF RESEARCH
TABLE OF CONTENTS
Volume 58
(August, 1983–May, 1984)

No. 1, August, 1983

From the Editors. 1

ISELY, D. *Astragalus* (Leguminosae: Papilionoideae) I.: Keys to United States Species 3

* * * * * * * * * * *

No. 2, November, 1983

From the Editors. 173

PATTEE, P. A., C. J. SCHROEDER, and M. L. STAHL. Erythromycin-sensitive mutations of transposon Tn*551* in *Staphylococcus aureus* 175

THIBODEAU, G. A. and P. A. HARTMAN. Selective medium for the isolation of streptococci from clinical samples 181

SHIPP, J. L. and W. A. ROWLEY. Electrophoretic studies of *Culex pipiens pipiens, Culex restuans,* and *Culex salinarius* (Diptera: Culcidae) 185

POHL, R. W. New records of Mesoamerican grasses 191

HINZ, P. N. and G. B. PITMAN. Analyzing data on insect response to pheromones: From a field study of the western pine beetle 195

DEVEY, M. E. and W. A. RUSSELL. Evaluation of recurrent selection for stalk quality in a maize cultivar and effects on other agronomic traits 207

ARJMAND, O. and R. H. SHAW. Irrigation potential on Iowa soils of low water-holding capacity as determined by computer simulation 221

FOLEY, D. C. Mechanical properties of *Zea mays* stems. 235

GEORGE, J. R. and K. E. HALL. Herbage quality of three warm-season grasses with nitrogen fertilization 247

WRAY, P. H. and D. R. PRESTEMON. Assessment of street trees in Iowa's small communities 261

Book Review 269

* * * * * * * * * * *

No. 3, February, 1984

Introduction 279

CALDWELL, E. M. Animating Word and Spectacle in the Masque Scenes of *The Winter's Tale* 281

HIRVELA, D. P. Structural Unity in *King John*: A Stage History Perspective 289

HUNT, M. The Three Seasons of Mankind: Age, Nature, and Art in *The Winter's Tale* 299

IDE, R. S. Shakespeare and the Pirates 311

SEUFERT, R. "The Decorum of These Daies": Robert Wilmot and the Idea of the Theater 319

STROUD, T. A. Shake-speare, Fal-staff, and Hot-Spur 329

THOMAS, P. R. Iago's Motivated Malignity 335

WILSON, D. B. Euripides' *Alcestis* and the Ending of Shakespeare's *The Winter's Tale* 345

DROMEY, M. J. S. When *Coriolanus* Reformed the Republic 357

Book Review 365

* * * * * * * * * * *

No. 4, May, 1984

From the Editors 369

BRINGHURST, R. S. and V. VOTH. Breeding octoploid strawberries 371

DEWEY, D. R. Wide-hybridization and induced-polyploid breeding strategies for perennial grasses of the Triticeae tribe 383

EINSPAHR, D. W. Production and utilization of triploid hybrid aspen 401

HERMSEN, J. G. Th. Nature, evolution, and breeding of polyploids 411

HERMSEN, J. G. Th. Mechanisms and genetic implications of 2n-gamete formation 421

HERMSEN, J. G. Th. The potential of meiotic polyploidization in breeding allogamous crops 435

HERMSEN, J. G. Th. Haploids as a tool in breeding polyploids . . . 449

HERMSEN, J. G. Th. Some fundamental considerations on interspecific hybridization 461

Rook Review 475